

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A drill/driver chuck including:

cylindrical member ~~{2}~~ having a central axis bore ~~{40}~~ and a plurality of further bores ~~{6}~~ such that the plurality of further bores are slanted with respect to the axis of the cylindrical member;

a plurality of jaws ~~{8}~~, each jaw being associated with a respective one of the further bores ~~{16}~~ and moveable therewith;

a conical jaw actuator ~~{10}~~, coupled to each of the jaws ~~{8}~~ of the plurality, for moving the jaws within their respective further bores, the jaw actuator ~~{10}~~ having a conical shape with the walls of the cone having a plurality of slots ~~{12}~~ formed therein such that each slot co-operates with a respective one of the plurality of jaws and wherein movement of the jaw actuator in a direction along the axis of the cylindrical member causes concomitant movement of the jaws ~~{8}~~ within their respective slots ~~{12}~~ in a radial direction with respect to the axis of the cylindrical member;

the chuck characterized in that no one component part rotates relative to any other component part thereof.

2. (Currently Amended) A drill/driver chuck according to claim 1 wherein the jaw actuator ~~{10}~~ is concentrically mounted about the cylindrical member ~~{12}~~.

3. (Currently Amended) A drill/driver chuck according to claim 1 wherein the jaws {8} radially converge or diverge within the central axial bore {4} of the cylindrical member.

4. (Currently Amended) A drill/driver chuck according to claim 3 wherein the converging jaws {8} meet each other beyond the confines of the cylindrical member {14}.

5. (Currently Amended) A drill/driver chuck according to claim 4 wherein converging movement of the jaws {8} is concomitant with radial inward movement of each jaw {8} within its respective slot {12}.

6. (Currently Amended) A chuck including:
a cylindrical member {2} having a central axial bore {4} formed along the longitudinal axis of the cylindrical member and a plurality of further bores {6} such that the plurality of further bores are slanted with respect to the longitudinal axis of the cylindrical member;

a plurality of jaws {8}, each jaw being associated with a respective one of the further bores {6} and moveable therewithin;

a conical jaw actuator {10}, coupled to each of the jaws {8} of the plurality, for moving the jaws within their respective further bores, the jaw actuator {10} having a conical shape with the walls of the cone having a plurality of slots {12} formed therein such that each slot co-operates with a respective one of the plurality of jaws and

wherein movement of the jaw actuator in a direction along the axis of the cylindrical member causes concomitant movement of the jaws ~~(8)~~ within their respective slots ~~(12)~~ in a radial direction with respect to the axis of the cylindrical member; and

a thrust plate ~~(16)~~ coupled to the jaw actuator ~~(10)~~, the thrust plate ~~(16)~~ movable along the longitudinal axis in order to apply movement force to the jaw actuator ~~(10)~~, said thrust plate ~~(16)~~ constrained against rotational movement about the longitudinal axis.

7. (Currently Amended) The chuck recited in claim 6, wherein the jaw actuator ~~(10)~~ is concentrically mounted about the cylindrical member ~~(2)~~.

8. (Currently Amended) The chuck recited in claim 6, wherein the jaws ~~(8)~~ radially converge or diverge within the central axial bore ~~(4)~~ of the cylindrical member.

9. (Currently Amended) The chuck recited in claim 8, wherein the converging jaws ~~(8)~~ meet each other beyond the confines of the cylindrical member ~~(2)~~.

10. (Currently Amended) The chuck recited in claim 9, wherein converging movement of the jaws ~~(8)~~ is concomitant with radial inward movement of each jaw ~~(8)~~ within its respective slot ~~(12)~~.

11. (Currently Amended) The chuck recited in claim 6, said cylindrical member ~~{2}~~ further including an axially extending shaft ~~{20}~~, said actuator ~~{10}~~ and said thrust plate ~~{16}~~ mounted about said shaft ~~{20}~~.

12. (Currently Amended) The chuck recited in claim 11, said actuator including a collet member ~~{26}~~ disposed about said shaft ~~{20}~~, said thrust plate ~~{16}~~ disposed about said collet member ~~{26}~~.

13. (Currently Amended) The chuck recited in claim 12, said collet member ~~{26}~~ including an external annular recess ~~{24}~~, a retainer ~~{28}~~ disposed in said recess to retain said thrust plate ~~{16}~~ on said collet member ~~{26}~~.

14. (Currently Amended) The chuck recited in claim 13, said thrust plate ~~{16}~~ including a bush ~~{22}~~ facing said jaw actuator ~~{10}~~.

15. (Currently Amended) The chuck recited in claim 14, a thrust bearing disposed between said bush ~~{22}~~ and said jaw actuator ~~{10}~~.